Bermuda

1927

[illegible]

R B
Kennedy
④

RB Kennedy (4)

Bermuda

1-20-29 Panicum maximum Jacq. p 17. Frequent en route to Elbow Beach. Nodes (of younger growth) & ligules hairy. 3rd scale sometimes bearing ♂ fls desc. Guinea Grass. Fr.

x

1-20-29 Panicum dichotomiflorum Michx p17 En route to Elbow Beach. Anthers beautifully orange. (a) Young, upright, delicate, 1½ ft high (seems to be shoot from base of old stem) (b) Old, 3¾ ft. decumbent, lower ⅔ naked, upper third & esp. the tips bushy branched. Ligule hairy. Edges of lf. sheath just below ligule & of blade just above ligule & upper side of blade: slightly hairy. Cane Grass. Fl & Fr.

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1-20-29 Sporobolus Berteroànus, Hitchc & Chase p27 Bull Grass Bet. B.V. & Elbow Beach. Like ill. Many spikelets covered with mossy fungus & branches of panicle tightly appressed. 1st scale about ¾ mm long, 2nd scale 1¼ mm long. 3rd scale & grain 2 mm. long. palea(?) very similar to 3rd scale. Grain obovate to oblong. Fr. 1-24-29 Middle Rd toward Devonshire Bay. Fl. & no fungus growth.

X
1-20-29 Chaetóchloa viridis, Scribn p22
Green Fox-tail Grass. Bet B.V. & Elbow Beach.
But 4th scale almost twice as long as 2nd. or at least 1/2 again as long. Fr.

1-20-29 Eleusine indica Gaertn. p 37
Wire, Crab or Yard-Grass. Bet BV. & Elbow Beach.
Scales light green with darker green nerves.

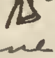
1-28-29 Citharéxylum spinosum L. Fiddle-wood p 316. Fr. Spec. furnished by Mrs Howe others observed on wall 1-20-29 by R.B.K.

X
1-24-29 Arundo Donax, L Cow-Cane p 29
From Mrs. Thimmins. Infl dry & withered.
No matured seeds found.

card not found
1-24-29 Justicia secunda, Vahl. Red Justicia p 355 Middle Rd Paget east of Agri Sta at 1st rd turning north. Common. Fl.
X (see over)

X
1-24-28 ———— (See 2-8-27 negress's Garden near Agua Vista) Valley way at Buena Vista. Common. Spec. pressed. Fr.
Like desc 2-8-27 except: height
lvs to 7 in long & usually 1/2 in wide. Corolla's fallen & mostly no seed set. Calyx in some cases has tube 3/4-1 in long with lobes 1/4 in long but mostly calyx tube shorter to less than 1/4 in
Fr. dry capsule, oblong to 7/8 in long. 2 celled.
Seeds 12 (in one case) on curved processes, flat, the unripe seeds enough mucilaginous so that "threads" adhere to dissecting needles.

Prob. belongs to Acanthaceae. Capsule suggests & but unidentified with Ruellia LeM. & D. 607. A dried corolla (at first thought to be withered in bud, but since ovary & stamens seem normal, perhaps fully developed) tubular 5 mm long, brownish, with 4 well marked lobes, less than 1 mm. deep. Stamens 4, filaments shorter than anthers attached above middle of tube. Anther sacs run lengthwise of connective & dehisce lengthwise not at all like Justicia secunda. Mr. Swanson of St. Georges says this is "Strobilanthes anisophyllus" "Lavender Bell". Prob. means S. isophyllus. T. Anders p 357 & BMJC.P. 700.

× Justicia secunda. Connective of anthers thus:  lower lobe smaller & the whole oblique to filament.

1-19-29 ———— ———— Miss Wood's garden

See 1-25-27 Green & white shrub. Lvs irreg oval or obovate. opp. very short petioled, entire but irreg. undulate, glabrous & leathery. Bordered or blotched with white, yellow or light green (not veined white)

Calyx 4 mm of 5 narrow pointed unequal lobes, tinged crimson & slightly pubescent & ciliate. Corolla tube ½ in long, limb ⅞ in diam 5 lobes ⅝ in deep the 2 upper being slightly narrower & less deeply cut. Corolla white freely dotted purple with throat almost entirely purple. Ovary 2 celled, 2 ovules in each cell. Style slender, slightly exerted. Stigma 2 lobed. Stamens 2 (with 1 or 2 staminodes) Anther sacs longitudinal (with filament attached behind them?) 2-18-29 Agri. Stat. "Pseuderanthemum atropurpureum"

1-24-29 Sebesten Sebestena. Britton p 309 Fl. Middle R'd to Devonshire Bay 1 fl had 7 & another 6. corolla lobes & stamens. Styles seem to be "4 and united by pairs."

1-24-29 Carica Papaya L p 250 Papaw. ♂ fl Corolla 4-lobed. Stamens 9.

1-24-29? Maurandya antirrhiniflora, Willd. Roving Sailor p 346. Lane bet. Miss Grays rock garden & Middle R'd Paget. Fr very far gone. Capsule seems to have burst towards top (off center) & shows no regular opening.

1-24-29 Russellia equisetiformis Schl & Cham p 347 Russellia, Coral Plant

1-24-29 Nicotiana glauca, Graham, p 342 Tree Tobacco. East of Ferry Landing near Buena Vista. Fr very far gone.

1-24-29 Medicago lupulina, L p 177. Black or Hop Medic. Fl & fr all stages.

✱

1-24-29 Panicum barbinode, Trin p 16. Para Grass. Middle R'd. Paget toward Devonshire Bay so. side. Each branch of panicle naked & flat above, beneath ~~below~~ has ridge in center with groups of florets alt. 1st one side & then the other of this ridge. Groups consist of 2 florets 1 sessile & 1 pediceled or less regularly composed. Usually only one fl't maturing. 3rd scale often subtends palet & sometimes ♂ fl. Stigmas of F fl. conspicuously brown like dry corn silk. Nodes & sheaths hairy also rachis & pedicels of inflor.

1-24-29 Cordyline terminalis, Kunth p 75
Fl. Palm Grove (see 1-7-27) also by front steps of Buena Vista.

1-25-29 Burgmansia arborea, L. p 339
Side road to Elbow Beach. Fl double.

×
1-25-29 Cenchrus tribuloïdes, L p 23
Bur-grass. Fr. Elbow Beach in front of easternmost bath house.

1-25-29 Chamaesyce buxifolia. J.K. Small
p 213. Fl. East end of Elbow Beach

1-24-29 Chamaesyce ——— prob the same called ?? C. prostrata 12-31-26.
Middle Rd Paget toward Devonshire Bay.
Upright 12 in. but ~~fls~~ involucres not in "peduncled cyme" as ill for C. hirta p 216. Capsules not glabrous. Pubescence scattered, perhaps more on angles. Spec. pressed.

1-25-29 Scaevola Plumieri Vahl p 378
Beach Lobelia West end of Elbow Beach
Fr. Each berry contained 1 woody nut-like body which consisted of 2 cells in one of which was a kernel-like body.
(Is this kernel the seed?)

1-25-29 Conocarpus erecta, L p 260 Sea Mulberry Elbow Beach eastward.

1-25-29 Ipomoea Pes-caprae. Roth p 300
Sea-Side Morning-glory. Elbow Beach.

1-22-29 Avicennia nitida Jacq 320.
Black Mangrove Grove east of Pomander Gate. 1 spec fr. with well formed cotyledons. See 2-2-27

1-21-29 Tamarindus indica L. p 174
Pods collected from beneath tree at Pembroke & observed at Waterville.

1-24-29 Hibiscus Rosa-sinensis L. p. 238
Netherlands hedge.

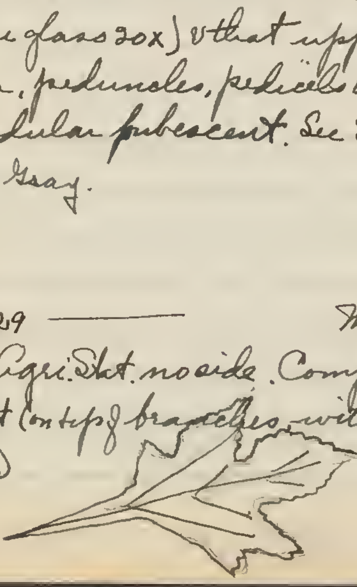
1-~~24~~ 23-29 Passiflora suberosa, L p 251
Valley Way Fl & fr.

1-24-29 Crepis japonica, Benth p 380
Fl & fr. Jap. Hawksbeard

1-24-29 Stachys arvensis L. p 325
Corn or Field Woundwort

1-20-29 Sonchus ——— fields toward Elbow Beach. Is in B. p 381 S. oleraceus. L since auricles of lvs are finally acute. But note that upper part of pedicels are covered with white cottony fluff (looks like a disease to naked eye but less so thru glass 20x) & that upper part of stem, peduncles, pedicels & bracts are glandular pubescent. See S. arvensis in B&B or Gray.

1-24-29 ——— Middle Rd Paget east of Agri. Stat. no side. Compositae.
Lvs alt (on tips of branches, withered lower down)



7 in x 3½ in inc petiole (but lower lvs prob. larger. Short hairs above make lf. softly rough, beneath whitish with soft hairs. Infl a raceme about 1 ft high. Fls solitary on pedicels 4-7 in. with a few small lvs or bracts on peduncle & pedicels. Involucre bracts ovate 2 or 3 series. Receptacle pyramidal, pitted, chaffy. Only dried remains of fl heads left with no fls or developed achenes. Undeveloped achenes are pubescent, pappus consists of a crown of scales ~~with~~ and 2 awns

X card prepared
1-26-29 Manihot Manihot, Cockerell p 312 Cassava. Field opp. & slightly west of Warwick Academy. Unripe fr.

1-26-29 Sonchus asper, p 381 Fl. & fr. Middle Rd Warwick bet Academy & Belmont Manor.

1-26-29 Asparagus plumosus, Baker p 93 Fr. Negress's cottage east of Inverurie. Heavily fruited, fr on upper side of "frond" and many with all three cells developed.

1-24-29 Salvia serotina, L p 326. Lane from Miss Gray's rock garden to Middle Rd.

1-24-29 Eustachys petraea, Desv p 37 West Indian Grass. Perhaps foot Devonshire Bay 3d scale & palet dark brown. 3d scale bearded on keel & edges. 4th scale smaller & hooded with swollen base

X #189 NY. BG.

1-27-29 ———— ———— Back of Wood Haven. Shrub? to 4-5 ft. Lvs opp. (in one case) 9 1/2 x 4 3/4 in. Petiole 1 in. Lf ovate to oval rounded & decurrent at base, abruptly & shortly acuminate at apex almost entire, dark soft green above, lighter ~~below~~ (with dark dots 20x) beneath, glabrous except for very slight pubescence on veins beneath.

Fls in racemes 4-5 in long each fl. with pedicel of 1/8 in subtended by very small bracts. Calyx very small red with 5 acute lobes. No more than 1/8 in overall. Corolla bright red, slender tube 1 in long, enlarging somewhat above middle. Limb almost regular 1/2 in diam., of 5 lobes about ~~¼~~ 3/16 in deep, the upper 2 being ~~narrower~~ & less deeply divided than the other 3 which are equal. Stamens 2, included, ~~on~~ with very short filaments inserted on upper part of tube anteriorly with two staminodes posteriorly (in several fls. these staminodes were well developed stamens but bore 1 anther sac only). Style slender about as long as tube. Ovary prob superior but difficult to see at this stage. Inside of Corolla glandular ~~pubescent~~ (stalked glands) giving crystalline effect. Color & shape of ~~fl~~ individual fl (except for more slender Corolla tube) much like fl of Russelia equisetiformis

Could this be B.M. of C.P. p 902 Odontonema strictum, Kuntze (Not in S. C of H & B.F of B.

2-15-29 "Graptophyllum pictum," Griff. Agri Station but R questions this

1-27-29 Sanchezia nobilis Hook f. p355
Knollwood. fl.

1-26-29 Ricinus communis L p 210
Unripe fr. Middle Rd Warwick bet. Academy
& Belmont Manor.

1-26-29 Cycas revoluta, Thunb p413. ♀ plant
fl but none of fr. found. Belmont Manor.

1-20-29 Centaurium pulchellum, Druce
p292. Bet B.V. & Elbow Beach.

1-24-29 Báccharis glomeruliflòra, Pers p 388
Mrs Thimmins ♂ & ♀ bushes. Fr. found. achenes
definitely ribbed (prob. 10 ribbed)

1-20-29 Poa annua. L. p 32.
Near B.V.

1-27-29 Tecoma stans, Juss p 352
From bouquet of Mrs Howe.

1-22-29 Tecomaria capensis, Seem p 351
Sweet Pea House.

1-22-29 Pilea microphylla. Liebm p104
Sweet Pea House. ♂ fls in bud.

1-24-29 Arenària leptóclados. Guss, p130
Slender Thyme-leaved Sandwort. Middle Rd
bet. St. Paul's & Devonshire Bay in wall on so.
side fl. & unripe fr. 3-7-29 Longlands Fl.
See 4-5-29

1-24-29 Antholyza aethiopica, L p
So Rd east of Agri. Stat. no side. Fl.

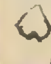
1-24-29 Poinsettia heterophylla, Klo Garcke p217 Various Lvd Spurge. Middle Rd to Devonshire Bay.

1-24-29 Helosciadium Ammi, Britton p279 Fine Lvd Marsh Parsley - Middle Rd to Devonshire Bay. Fl & Fr.

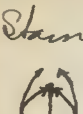
1-24-29 Vigna repens, Kuntze p184 Yellow Vigna. Fl. Middle Rd east of Agri. Stat.

2-2-29 "Asystasia gangetica" as per label Public Gardens St. Georges. See 4-15-27.
(N.B. this is evidently not A. bella Benth & Hook of B.M. of C.P. 703 because it has 4 stamens)

Growing in profusion at base of date palms. No woody base seen, but if vine it is not really climbing. Hairs on st. downward pointing. Lvs 1½ x 1⅛ in, not sharp at apex & usually cordate at base. Firm, shining above, hairs on veins beneath seen only mag. 10X. Petiole ⅜-⅛ in, puberulent. Fls in raceme. Let $4\overset{3}{\underset{1}{\square}}2$ be cross section of peduncle. Lowest fl is ~~at base~~ on side 1 with the pedicle subtended by 3 tiny bracts & one similar bract on side 3. The next fl is about ¼ in higher on side 2 ~~bracts~~ subtended by 3 bracts & one bract opposite. The next fl is on side 1 again & the next on side 2 all bent so as to give a generally one-sided effect. Infls. sometimes compounded at tip by having a flowering stem issue from the axil of the single bract opp. a fl. Corolla glandular pubescent on outside Tube 1 in long enlarged toward throat, nerved somewhat angled on top & at bottom thus:


Cross section. Lobes almost equal the two upper a trifle larger & the 2 lower

one more convex.
Stamens 4, included, attached in



pairs to corolla below middle.
Style included, stigma 2-lobed
(Quinc aestivation) Fl. unfolds ~~later~~ lower lobe, lower right, lower left, upper left upper right. Ovary seated in disk. Ovary glandular pubescent, 2 celled, ovules 2 in each cell on axile placenta seem to be borne on little hooks as in Acanthaceae. Ovary mucilaginous to needles.

3-9-29 Fr. capsule 5/8+ in long, puberulent, brown, narrow at base enlarged above middle & gibbous below, pointed at apex, ~~upper~~ dehiscent loculicidally, upper valve falling leaving the lower empty on stem for a while. Capsule 2 celled with (in 1 case studied) 1 tuberculate irreg. seed borne on hook on axile placenta. Hook projects, curving upward from lower valve.

2-2-29 Eranthemum nervosum R. Br. p356 & BMJC.P. St. George's Historical Society House. Calyx 5 parted, white 1/4 in long with 2 opp white bracts similar to calyx divisions all hidden under large bracts white with green nerves.

X
2-2-29 Vicia Faba. L. Broad, Windsor, Portuguese Bean p1878 & BMJC.P. 391 Garden bet Harrington House & entrance to Walsingham. To 1 1/2 or 2 ft high St. 4-angled. Lfts (usually) 5, the ~~1st~~ lowest 3 being about 1/2 in apart, the upper 3 close together, the rachis protruding somewhat. Stipules large, dentate Lfts. oval to 1 3/8 x 1 in undulate.
Fls in short raceme. Calyx 2 short lobes on top, 3 longer acuminate lobes below Standard white veined brown. 1 1/8 in overall, slightly emarginate at apex. Wings with large brown spot, almost

as long as standard, slightly adherent to keel which is much shorter. Wings very narrow clawed & auricled above. Stamens 1+9 so showing at base tho filaments seem united to eye. Style bends upward ~~at~~ at rt ∠s & is bearded at back of summit with tuft of hairs.

2-2-29 Vícia angustifolia, Roth. p 186
Fl & Fr. field west of Walsingham. Lfts hairy on back.

1-30-29 Melilotus indica, All. p 179
St. Georges near Boat Building Bay. Fl & unripe fr.

1-30-29 Nicotiana Tabacum, L p 341
St. Georges waterfront fl & fr.

1-30-29 Asclépias curassávica, L p 296
St. Georges water front. Fl

1-30-29 Pluchea odorata, Cass p 389
Shrubby Fleabane. St. Geo. water front. Fl.

1-30-29 Bolboxalis cernua J. K. Small p 196
St. Georges. Roadside towards Cut.

1-29-29 Lamium amplexicaule, L p 321
Henbit. Harrington House.

X
2-2-29 Chamaesyce hypericifolia
Millsp. p 214. Weed in P. G. St. Georges.
2-19-29 Short cut thru Woodhaven to Knollwood.
Fl. appendages often pink.

1-29-29 Verbena officinalis L. p 310 So. Road prob near St. Marks. Corolla slightly fringed with fringe of hair at throat below which are all 4 anthers almost sessile, the 2 anterior being slightly higher on tube.

2-2-29 Plumbago capensis, Thunb. p283. & BM of C.P 586. St. Georges P.G. Fl blue!

2-2-29 Pariti tiliaceum, Juss p 239 west end of Causeway. but see Hibiscus elatus Sw. B.M of C.P. 496.

? 2-2-29 Malvaviscus mollis DC. p240 & BM of C.P. 489 St Georges P.G. Auricles of petals clockwise (looking into fl.)

2-2-29 "Malviscus Conzattii" as per label St. Georges P.G. Auricles of petals counterclockwise (looking into fl.). (Authority for label unknown may be of no value) Perhaps this is same as 2-12-27 Bermudiana Hotel & perhaps M. arboreus Cav. or M. grandiflora H.B.K. see BM of C.P. p489.

1-30-29 ? Chenopodium ambrosioides L. p116 St. Georges. Frequent near Church ruins. Fr. No fl.

2-$\overset{?}{2}$-29 Ruéllia × amoèna, Nees
See B.M.J.C.P. 701. Mrs James garden. common. Very like desc. except that lvs as well as rest of plant are practically glabrous. Lvs to 2½×1¼ in. Corolla convolute in bud. Seeds flat & borne on little hooks.

1-29-29 Jacobinia aurea, Hemsl p356
B.M.J.C.P. 706 Harrington House. Not very satisfactory analysis from condition of ~~pt~~ spec 2-5-29. but prob this. Stamens 2, one much shorter than the other anther sacs not "one above the other". Filaments, esp the shorter often thickened & malformed & anther twisted out of position or malformed.

1-29-29 Thunbergia alata Bojér
p355 & B.M.J.C.P. 699 Harrington House.
Fl deep yellow not dark throat. Stigma bilobed ~~Stamens hairy~~ Anthers hairy fringed.

1-29-29 Thunbergia grandiflora Roxb.
p355 & BMJC P.699 St. Georges Public Gardens

2-2-29 Maurandya scandens, Pers. p346
Walls of Pub. Garden St. Georges. (But see B.M.J.C.P. 675) Filaments thickened & bent at top bearing

2-1-29 Catharanthus roseus, G. Don p293
B.M.J.C.P. 604. St. Georges Ebenezer Church
Fls white. Seeds tuberculate.

2-2-29 Elaeodendron Laneànum, A.H. Moore. p223. Fr. Robt Walsingham & Causeway.

X

2-2-29 Schinus molle, L p 221 ✓
BMJCP 461. St Georges Public Garden ♂
fls. Fl 3/16 in diam. 5 longer & 5 shorter stamens inserted under lobed yellow disk. 3 rudimentary styles.

X

2-2-29 "Schinus terebinthifolius," Raddi as per label. St. Georges Public Garden. Lf with fewer larger lfts than above gives tree quite diff. effect.

X

?
2-2-29 Porana paniculata, Roxb. See B.M.J.C.P. 614. House at west end of Causeway (prob same as 3-24-27 P.O. Paget East) Infl 1 ft long fine paniculate spray. Fls withered & only few traces of corolla & stamens left. Corolla seems to be funnel-form about 5 mm long. Stamens 5 with anthers nearly sessile near base of corolla. Calyx 2mm. deep of 5 lobes about 1 mm deep. Superior to Calyx is spherical ovary of which lower half is thick & seems persistant while upper half (as seed matures) is thin & (probably?) circumscissile. ~~The~~ Ovary seems 1-celled (no sign of partitions) with 4 (orange-section-shaped) seeds attached at base. Style very short, stigma 2 lobed. Corolla in withered condition is very dark colored. Sits on ovary at line between lower & upper half. Capsule not "hairy"

X

1-31-29 "Thrinax wendlandia = Thatch Palm" as per label. St. Georges Public Garden. Fan lf. with segments cut alt. deep & 1-2 in less deep. Petioles with upward pointing spines. St. scruffy. Fls among lvs. St about 4½ ft high. Lvs 2 ft diam. Not by this name in Britton or B.M.J.C.P.

X

1-31-29 "Latania glaucophylla" as per label. Palm. St. Georges Public Garden. Fan lvs 3 ft diam., glaucous green with veins showing plainly as fine yellowish lines. Midrib below & petioles (esp in younger lvs) cottony scaly as tho' diseased.

X

2-2-29 "Washingtonia robusta" as per label. Public Garden St. Georges. See B.M.&C.P. 127 evidently W. filifera, Wendl var. robusta. Parish acc. to desc.

x bet. 2 terminal upper primary divisions: i.e.; at tip of rachis.

2-2-29 Leucaena glauca, Benth p169 Jumbie Bean. 1st Ridge west of St Georges Fl & fr. 3-23-29 Spanish Point Region. Fl. heads have bracts between which expands into somewhat salver form pubescent summit. ~~Primary div. of lvs stipellate but not [illegible]~~. Pointed stipel x

X 1-29-29 Dólichos Làblab, L. Hyacinth Bean p185. & B.M.&C.P. 399. Southern slope of Paynter's Hill Fl & fr. Pods 2¼ in x 5/8-3/4 in wide & 3/8 in thick (hence not really flat) Seed 3/8 in long somewhat compressed but not flat. Reddish brown. (see 3-13-29) Fl. white or at least not purple.

2-2-29 Antigònum leptopus, H&A. p114 & B.M.&C.P. 245. Corallita. Public Garden, St. Georges Fl & fr. Ocreae not evident. Lvs Lvs undulate & not strictly entire. Filaments united in ring at base with small tooth projecting upward bet. each two filaments. Meat of achene folded & convoluted like brain.

X

1/29-2/2, 1929 Rivìna humilis, L. Rouge Plant at Whitehall, St. Georges. p122 & B.M.&C.P. 256 [~~Prob. at St. Georges either Ebenezer Church or Public Garden but perhaps elsewhere~~] Fl. 4-29-29 Fl & fr at Whitehall where no doubt the 2/2/29 spec was found. Stamens affixed under ovary. Persistent. Seed black hairy, ascending. Pedicels reflexed as fr. forms.

X
2-2-29 Sida rhombifolia. L p236
Fl & fr. Rd bet Causeway & Walsingham.
Pubescence very slight but stary.

X
2-2-29 Pavonia spinifex, Cav. p ~~490~~ 237
P.— willd B.M. of C.P. 490. Cult in Miss James
Garden Fr. no fls. Pubescense on petioles
mostly a line on upper side. Pubescence stary

? X
2-2-29 Hibiscus Arnottianus, Gray p
238 & ~~B~~ B.M. of C.P 495. Lvs & empty fr only.
Miss James garden. "from Hawaii" says
Miss J. Largest lfs $4 \times 2\frac{3}{4}$ in. 3 veined
at base but gen. effect is of pinnate veins.
Petioles & veins esp toward base & on
backs reddish. Peduncles $\frac{3}{4}$ in. Fr.
1 in high from base of involucel. "Fls white"
says Miss J. "& stamens red"

2-2-29 Indigofera suffruticosa, Mill
p 182 Fr. Rd bet Causeway & Walsingham

?
2-2-29 Euphorbia Nivulia Ham. p. 219
(not in B.M. of C.P.). St. Georges Public Garden.
The same as 4-15-27 & prob same as 3-11-27
Above each lf an inflor of 3 members.
In middle involucre $\frac{1}{4}$ in wide of 5 reddish
glands & many ♂ fls & fimbriated scales
(no sign of ♀ parts) and at each side
a bud unopened & green which seems
to contain a ♀ fl as well as ♂ fls. Each of
these side members is subtended by a bract
(the two of which perhaps enveloped the
bud)

?? X
2-2-29 Synadenium Grantii, Hook. p
219 St. George's Pub. Garden. No fl or fr. Lvs
conspicuously veined in darker green.
(In north east corner near above)

2-2-29 X ~~#158~~

St. Georges Public Garden so-west corner. Bush 6 ft with corky bark in ridges "from firm in Florida" says Mr. Swainson. Fr. Twigs densly covered with rusty brown hair & warty. Lvs alt. growing larger toward end of twig to 4 in x 1 3/8 in, oblanceolate, apex obtuse, base narrowed. Petiole 2-3 mm & hairy like stem. Lf thin but firm glabrous, somewhat repand. Fr in umbel opp a lf. Peduncle 1 in, pedicels 1/4 in. Fr like dark colored berries 1/4 in diam (13 in umbel in one case counted) When cut shows no seed or seed structure. No sign of calyx at stem end & only faintest suggestion at other end. The dark skin can be removed leaving white-yellowish ~~white~~ ~~sac~~ inside with indented mark around middle (this mark seems to indicate no division into lobes further in) This ~~white~~-yellow exterior on removal pulls out yellow fibres ~~rest of inside~~ which had extended from circumference towards center leaving a white amorphous paste-like center divided somewhat by removal of fibers.

2-2-29 "Eriodendron anfractuosum" as per label. St. Georges Public Garden Trimmed close to top 30 ft. Trunk varies greatly in diam bulging & contracting Bark smooth grayish-brown (color of Abercrombie Fitch 1928 suit) broken in vertical lines showing green with light green stripes in center. No "spines" observed.

X

2-2-29 "Cordia nitida" as per label Tree St. Georges Public Garden. Not like C. Sebastena

2-2-29 "Ficus altissima" as per label Lvs. blotched & margined with yellow. Center of lf. in shades of dark & light green. Sheaths of new lvs. reddish.

× [illegible]
2-1-29 Saintpaulia ionantha, Wendl p. B.M.J C.P. 697. African-Violet. Pot plant at Miss James.

×
2-2-29 "Opuntia candelabra" as per label St. Georges Public Garden looks like Euphorbia lactea (p. 219) except that it is light green & not mottled.

2-2-29 Pyrostegia ignea, Presl. p. 352 Miss James over buttery

2-2-29 Tecoma —— St. Georges Public Garden. Prob. T. stans p. 352 but see B.M.J C.P. 691. Corolla 2 in long. bright yellow with reddish orange stripes inside anteriorly.

? ×
2-2-29 Salvia purpurea, Cav. Velvety Purple Sage p. 327 not in S.C.J.H. B.M.J C.P. 2 S.P.N. Miss James garden plants from Miss Hunter where seen 4- -27.
Lvs oval to 3½ × 1½ in., 3 nerved, rounded at base, acute at apex, entire but somewhat undulate. Shining dark green above, very white wooly below. Petiole 1 in. Stem tomentose except in inflorescence where it is viscid & sticky to touch. Infl. 6 in long with fl. whorls widely spaced 1½ - 2½ in. Corolla 1 in very dark black-purple. Style purple, long exserted, 2 stamens purple about length of corolla. Calyx ¾ in, upper lip entire, lower slightly 2 cleft, lobes acute but not spinulose.

Calyx white wooly with veins
showing through purplish. ~~No~~ lower
ends of connectives of the two anthers
seem to cohere. Ovules seated on purple
disk one side of which is ~~pt~~ prolonged
upward giving effect of overstuffed
~~#~~chair. St not angled

X
2-2-29 Salvia farinacea, Benth. BM of CP.
640. Mrs James Garden.

2-3-29 Pereskia Peréskia, Karsten p 257 &
BM of C.P. 522. Fr. from Mrs. Howe.

2-3-29 Pittósporum undulatum, Vent
p162. Fr & lvs from Mrs Howe

2-2-29 Codiaeum variegatum, Blume
var pictum Muell Arg. BM of C P 456.
St. Georges Public Garden. ♂ fl & fr.

X
2-1-29 Gaillardia pulchella, Foug
p 407 B.M. of C.P. 780 Very common at St
Georges on sea-cliffs bet golf links
and point to westward where road
to Shore Hills takes off. Lvs frequently in
tight little rosette on ground &
mostly deeply & attractively lobed.
4-26-29 Fl & fr. ~~[illegible]~~ N.Y.B.G. 185

2-1-29 Lippia nodiflora, Michx p 312
St Georges.

1-30-29 Mallotonia gnaphalodes, Britton
p308 St. Georges n-e shore.

2-2-29 Cardiospermum microcarpum H.B.K. p 226 bet Causeway & Harrington House Fl & fr.

2-1-29 Aloe vera, L. p 71 & B.M of C.P. 166 Fl. west of St Georges on sea side near house.

1-29-29 Stenotàphrum secundàtum, Kuntze p 24 So shore where road meets coast west of Devils Hole.

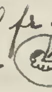
2-2-29 Acalypha hispida Burm f. p 208 & B.M of C.P. 457 ♀ fls Miss James garden Fls in sessile groups of about six on the rachis the whole forming the well known tassels. "foliaceous bract" which is supposed to subtend ♀ fl. is not evident.

? X
2-1-29 Apium peregrinum, Crantz p 275 Wild Parsley. St Georges no shore west of golf links

1-29-29 X ——— ——— St Georges Public Garden Shrub like the green & white lvd one from Miss Wood's garden 1-19-29. except that lvs are purple below & tinged purple above.
2-18-29 "Pseuderanthemum atropurpureum" (labeled) Agri. Station.

1-29-29 Passiflora ——— at Harrington House. See p 253 & B.M of C.P. 510. Fl. white Lf 3 lobed entire, petiole has 2 glands. "Receptacle or tube" short. Outer rays of corona only 1/2 as long as petals. St. prob. terete but not sure. Sepals have spur of about 1/8 in on back near tip. Sepals white inside. No purple or pink in flat at all.
Perhaps a form or hybrid of P. caerulea.

1-29-29 Pandanus utilis, Bory
p 4, BMJC.P94 LeM&D 822. ♂ fl & sheath
Public Garden. Fr. from Mrs James garden
Fr cut open showed a woody porous
interior with what might be seed
in small cavity. See LeM&D p823.

2-5-29 Maurandya antirrhiniflora Wild
Fl & fr Hill bet. new church & eastern
edge of Elbow Beach golf links. Fl & fr.
p346 In several fr cut open the 2 cells are very
unequal thus 

2-7-29 Maurandya scandens, Pers
Fl & fr Middle rd "old lady house" p346.

2-5-29 Argemone mexicana, L. p144
Elbow Beach Hotel grounds. ~~[illegible]~~

Unripe seeds beautifully marked look
like golf balls with ridge on one side.

II/165 GH
? X Prob P Rueppellii Steud See S.C.J +
2-7-29 Pennisetum villosum, R.Br
BMJC.P.110 Near Amen Corner on rd to
Inverurie (Prob the same seen at Salt
Kettle 2-7-29). 13 in overall. Lvs involute
1/16 in wide, setaceous. Ligule a ring of
hairs & edges of blade just above ligule & of
sheath below hairy. Lvs tufted, very
stiff & dry at base with remains of old
sheaths. Spike to 4 in long. Inf to 4 in.
Spikelets on pedicels almost 1/8 in long. Covered
with purplish whitish hairs (some
very stiffly plumose) so that so that the
parts of inflo are 1 1/4-1 1/2 in long.
Spikelet always with 1 perfect fl. and often
from base of ♀ fld spikelet, on a short pedicel
springs a spikelet with 1 ♂ fl. Scales
purple. April 1929 comp with 4-11-29
P. Rueppellii Steud from Southlands
Culm is scabrous below spike & ligules
ciliate but lvs not more than 7 in long.

2-8-28 Vachellia Farnesiàna. W & A. p170. B.M.J.C.P. 431 Acacia — willd. Fl & unripe fr. Hamilton near co. of Reid St & East Broadway. Corolla as well as calyx tubular

2-2-29 "Albizzia Lebbek," Benth. "Woman's Tongue Tree" as per label St. Georges Public Garden. Observed tree & collected lf. 2-8-29 Lf. from trees on Reid St. is the same. See B.M.J.C.P. 433. Gland near base of petiole. 2-18-29 labeled Agri. Station p170,

2-8-29 Muehlenbeckia platyclada, Lindau p114 & B.M.J.C.P. 248. House near P.O. Paget East.

2-8-29 Buddleia madagascariensis Lam. p291 & B.M.J.C.P. 602 Near Wetherlands.

X

1-31-29 ~~Acerifolia~~ Platanus acerifolia Willd. London Plane p163 & B.M.J.C.P. 340 St. Georges water front west of main wharfs. Fr. 4-15-29 Tree Agri Stat. labeled just leaving out. 4-26-29 Large tree in fr. [illegible] in Churchyard.

2-2-29 Cèrbera Thevetia L. p294. Fr. St Georges Public Garden

2-2-29 Bougainvillea spectabilis Willd p124 or B. glabra? "Crimson Lake" as per label. St. George's Public Garden. Degree of "tomentose-pubescence" not noticed.

#176 B.H.

#1-30-29 Juncus acutus L. p67 St. Georges on outside Cliffs near Boat-building-bay.

2-1-29 Rhizophora Mangle L p 265
Young fr. Bay west of St. Georges.

2-2-29 Jasminum simplicifolium, Forst f.
p 287 & B.M. of C.P. 596 Fl.

2-4-29 Nopalea cochinellifera Salm-Dyck
p 256 & B M of C.P. 522 Prob. fl. at garden
opp Hotel Inverurie

2-5
~~2-6~~-29 Solanum nigrum L. p 336 Fl
& unripe fr. Elbow Beach Hotel.

2-10-29 Rhoeo discolor, Hance p 64. B M of C.P
149. B.V. Garden.

2-10-29 Isoloma Tydaea, Bailey p 354
But see B.M. of C.P. 693. B.V. Garden

Lvs petioled to 2 in. Lf to 4 in. long ovate
crenate dark purplish green above
with mid-rib brighter green. Prominent-
ly veined & purplish beneath. St, petioles
& peduncles pinkish, densely velvety.
Fls axillary, solitary, peduncles 2½ in
Fl yellow-orange-red, velvety outside;
inside smooth yellow, blotched &
striped red (no purple as mentioned
in the 2 ap BM. of C.P.) Calyx ½ in, corolla
1 in long. 4 stamens and the 5th ~~is~~ rud-
imentary in 2 flo examined. 5-5-29 B.V. Garden
Fl 2 or 3 from axils of opp lvs. Anthers of the 4
stamens cling together in one mass. After
dehiscing anthers pulled down in tube by
coiling filaments.

2-10-29 Turbina corymbosa, Raf. p 303. (Not
in B.M. of C.P. B.V. Garden Flo just fallen. The
larger lf. studied softly pubescent.

2-10-29 Acalypha Wilkesiana, Muell-Arg
p 209 BM of C.P 457. B.V. Garden. ♂ & ♀
racemes separate but on same plant.

2-9-29 Ranunculus muricatus, L. p139
So Rd west of Elbow Beach & east of turn to
~~So~~ Queen Corner. Petioles, peduncles &
calyx lobes with scattered stiff hairs.
Calyx lobes reflexed.

2-9-29 Salvia coccinea, L. p ~~36~~ 326
En route to Elbow Beach thru' Mrs. Smith's
grounds. Lower lip relatively large & fiddle-
shaped.

2-9-29 Clinopodium Calamintha,
Kuntze p328 Prob on way to Elbow Beach
near Salvia. Flo but corollas dropped.

2-9-29 ?Stachys —— Prob near above
p325. 5½ in high. Seems to fit desc of
S arvensis except that lvs are

all sessile ½ in × ~~¾~~ 5/16 in, obtuse.
Crenate above middle. All down to the
lowest subtending flo axils

2-9-29 Veronica arvensis L p 349. Near
above.

2-9-29 Microstigma incana Britton
p149 BMJC.P. 308 So Shore west of Elbow Beach

2-9-29 Randia aculeata, L. p 361 Ample fr.
So Shore west of Elbow Beach.

X
2-16-29 Gomphocarpus physocarpus
E. Meyer. p 297 Fl. [illegible] apparently climb
Mrs. Boe's from south - in garden on east
side of rd. 5-$\overset{13}{6}$-29 Fr.

X "Cassia splendida" says Mr. Nauen
2-18-29
2-10-29
Agri. Station. Prob. a Cassia. Shrub
ft. Lf 10 in. even pinnate with 16
pair lfts. Lower lft 1 x 3/8 in, terminal
lft 1 1/2 x 5/8 in, Lft oval, entire, inequi-
lateral at base obtuse at apex with mid-
rib projecting 1/16 in. petiole of lfts 1/16
in. Rachis pubescent. Lfts pubescent
below & slightly above, ciliate & ~~long~~
[illegible] Fls in axillary racemes 9 in
long. Pedicels less than 1/8 in. Calyx of
5 oval sepals, 1/2+ in long ~~obtuse~~ brownish, deciduous.
Petals 5 yellow 1 in long. Stamens 10 of
which 2 perfectly developed, anthers
opening by pores at summit.
Ovary stalked, curved pubescent,
1 in to tip of style (in fl. from which
petals have not yet fallen) Ovules
many. No glands on lf rachis.
Lfts closed at night after picking
Fls have odor of pop corn

2-10-29 Cardiospermum grandiflorum,
S.W. p 226 Rd bet. Springfield & Hospital
on wall on west side.

2-10-29 Canna indica L p 86 cut fls
& fr found along road.

2-~~9~~10-29 Torilis Anthriscus, Gmel. p 274
Fl & fr. Corner opp. Springfield

2-9-29 Kalanchoë brasiliensis, Camb.
p 160 Not in B.M. of C.P. From garden on So Rd
west of Elbow Beach

X
2-11-29 Hibiscus schizopetalus Hook f.
BM of C.P. 495. Summerside. ~~Its~~ Involucel
of 8 acute teeth so small as to be

hardly visible to eye. Calyx & peduncle above joint pubescent. Ovary pubescent. Petals seem to adhere to each other & to staminal column toward base. Fl red with the fringed parts white & red. Lf 3-veined at base

2-11-29
Coleus Blumei, Benth. BMJC.P 644.
Summerside

2-11-29 Jasminum humile L. p 288 & BMJC.P. 595 Sunnyside. Does not require support.

2-11-29 Tecoma stans Juss p 352 - BMJC.P. 691 Summerside. Connective projects above anthers ~~as~~ in bar or ~~fork~~.

#155 4H
156 NYBG

2-11-29 Galium —— Rd from Somerset to "The Beaches" where it skirts waters edge. 12 in high very weak. Lvs 6 or 7, ½ to 1⅛ in long ⅛ in wide, oblanceolate, cuspidate. Whorles 1 in or less apart. St. branched. Edges of st mid-rib & edges of lvs. beneath, (& somewhat surface of lvs above) retrorsely but weakly hispid. Fr. covered with bristles hooked forward. Fl yellowish green. Less than 1½ mm wide. (See 4-29-29 St. Georges Pub. Garden.

2-11-29 Clinopodium Calamintha, Kuntze p 328 Somerset(a) but Village & The Beaches. & (a) Ireland Island spec. in which stamens were not developed & were included. Seed brown & slightly tuberculate (20X)
(a) Seed immature but tuberculate.

2-11-29 Medicago hispida, Willd p169
Ireland Island near officers canteen.

2-11-29 Smyrnium Olusatrum, L p277
Somerset ~~south~~ near Galium. But has small
linear involucre & involucel bracts
The many ribbed sheathing petioles
dividing at top in 3 ribs (as in ill)
& continuing up the outside ribs more
or less. A white wooly tuft at each
point of division in lf. and on edge
of the upper petioles

2-11-29 Amaranthus hybridus L p120
Ireland Island.

2-11-29 Centaurium pulchellum, Druce
p 292 Ireland Island

2-11-29 ?Chenopodium ambrosioides, L.
p116 Ireland Island, Near Officers Club
& canteen on eastern side. Young
plants no fls or fr.

2-11-29 Suriana maritima L p 203
Inland Somerset.

2-11-29 Portulaca oleracea, L p127 Ireland Is. Fr.

2-11-29 Commelina longicaulis, Jacq p63
Ireland Island, 2-14-29 Valley way Spathes ciliate.

2-9-29 Randia aculeata, L. p361 Ennijac
fr. South shore west of Elbow beach

2-14-29 Valerianodes jamaicensis, Kuntze p813. Fl & fr. Valley Way. Corolla tube slightly glandular pubescent outside.

2-14-29 Borreria laevis, Griseb p 365. Valley Way Fl & unripe fr. Calyx tube pubescent at top.

2-14-29 Triumfetta semitriloba, Jacq p231 Valley Way Fl & fr.

2-14-29 Bryophyllum pinnatum Kurz. p159 Fl. Valley Way

2-$\overset{?}{14}$-29 Eugenia axillaris, Willd p261 Unripe fr. Valley way, This is like desc of 2-23-27. (Opp ~~west of~~ south end of "new stable") Fr like ill. solitary, on peduncle 3/16-1/4 in. Fr 3/8 in wide x the same or slightly longer, being narrowed at base & somewhat flattened at apex. When cut seems to show 1 cell filled with amorphous fleshy substance which slips out of the ~~green rind~~ horny covering which slips out of the green rind. 4 Calyx lobes evident at apex of fr.

2-14-29 Sida Carpinifolia L.f p236 Valley Way Fl & unripe fr. Stamen tube glandular pubescent, divided in 5 parts at top each part ~~bearing~~ branching again into filaments of about 8 stamens. Styles 9 in 2 flo dissected. Pubescence on stamen column not starry as noted 2-14-27

2-14-29 Bidens pilosa, L. p402
Valley Way Fl & fr. St. square.

2-14-29 Fumaria muralis Sonder p145
Valley Way Fl. & fr.

2-14-29 Cymbalaria Cymbalaria Wettst.
p345 Valley Way Fl.

2-14-29 Ammi majus L p277 Valley Way
Fl.

2-14-29 Parthenium Hysterophorus, L
p398 Valley Way Fl. Chaff transparent
with a keeled midrib slightly greenish
, narrow Δ with upper edge broadest & white with
thick glandular-pubescent effect
which looks like white pollen grains

but ~~undoubtedly~~ perhaps is not.

2-14-29 Tropaèolum, majus, L p193.
Fl. Valley Way

2-14-29 Xanthoxalis corniculàta, J.K.
Small. p198 Fl & ~~mature~~ fr. Valley Way
Stems decidedly creeping. Seed oval
brown, transversed ridged [looks very
much like bed bug (20x)] enclosed in
cartiledge like covering with splits,
rolls back & throws seed violently

2-14-29 Urtìca membranàcea, Poir.
p104 Valley Way ♂ & ♀ fls & fr.

2-13-29 Hibiscus mutabilis, L.
(See 2-26-27 on R'd bet Middle R'd & So R'd - -
- - for of Malvaceae.) 2-13-29 spec is
evidently the same differing only as
follows. Lvs from 3in to 4 3/4 in broad, always
somewhat shorter. The radiating
veins, esp. the 5 central ones, very evident
above as well as below. Lf 3-5-lobed, with
shallow sinuses, irreg. crenate. Petiole
sometimes but not always meets
blade at L. Stary pubescence marked,
& the longer interspersed hairs are yellow
Inflor paniculate, the lower branches
in axils of lvs (now fallen). Pedicels 1-
3 in. Capsule almost spherical 7/8 in high
by a trifle wider. Remains of at base of
(a). 1 bract of involucre ? & (b) gamosepalous
~~Caul~~ calyx. Seed 2½ mm long. Funicle
remains attached to seed & can be
separated from it. ~~Cap~~ Each cell
7-12 seeded with ~~signs~~ remains
of non maturing ovules.

Capsules loculicidaly dehiscent the valves
at the same time falling away
from a short central axis (about
1/3 height of capsule) so that they
remain attached only at base & then
fall. 2-15-29 from same plant as x
2-26-27 Fr. Calyx 1¼+ in deep cut into
5 ovate lobes 1+ in deep, 3 or 5 veined.
Bracts of involucel ½+ in long, linear.
No more than 3 seen in any case
(Is it possible shrub labled or called
Changeable Rose St. Georges Public
Gardens is this ?)

x 3-1-29 Miss Hutchings says this is "Changeable Rose" hence doubtless it is
Hibiscus mutabilis L. p 238

2-13-29 Terminalia Catáppa L. p260. "West Indian Almond" as per label Par le Ville. Large red lvs falling
3-5-29 Same tree Fr. falling. Collected & studied.

2-16-29 Morus nigra L. p101 ♂ flo. shortly west of Inverurie.

2-15-29 Calonyction aculeatum, House Fr. p302 Odd Rd, Paget West same locus as 1927 Peduncles greatly thickened at top.

2-15-29 Guilandina Crista, Small p173 Odd Road Buds which evidently were falling from raceme without opening leaving a long (10 in) rachis with bracts. Ovary pubescent.

2-14-29 Pycnodoria longifolia, Button L. p418. Valley Way Common on walls

2-15-29 ~~Eugen~~ Eugenia uniflora, L p262 Fr. Odd Rd.

2-15-29 Commelina elegans H.B.K. p63 Middle or Odd Rd west of Valley Way.

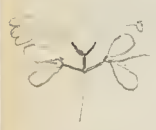
2-15-29 Tecoma stans, Juss Odd Rd Unripe fr. shows winged seeds

2-15-29 Bromus unioloides H.B.K p 35 Middle Rd (no. side) shortly west of cor of Valley Way.

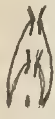
2-18-29 Dichondra carolinensis, Michx p304 Agri. Stat. in lawn. Lvs beneath & sepals beneath brown scruffy.

2-18-29 x

Agri Stat. on trellis so east cor of offices. Fl. Luxuriant vine: Prob. Bignoniaceae Lf. opp. 2 parted sometimes with simple tendril bet. Each lft obovate on petiolule 3/16 in. Lft 2 1/2 x 1 1/2 in entire apex rounded (with very short obtuse tip), base narrowed, glabrous, shining Petioles 3/4 in. Fls terminal on stems issuing bet lvs thus:



Pedicel to 3/4 in. Calyx 3/8 in, tubular narrowed at top (urn shaped?) with 5 shallow teeth (perhaps 3 more definite than others so that part of rim looks as merely erose) sometimes split a little way down bet two of the teeth. Calyx wall firm & thickish. Corolla rose purple with inside of tube white except in front where it is striped white & self color. Tube 2 1/4 in, less than 1/8 in at base, soon curving and enlarging to 5/8 in. Limb 2 1/4 in across with 5 almost equal lobes about 3/4 in deep x 7/8 in wide. Stamens included 4 fertile with 1 short staminode inserted ~~where~~ on tube where it begins to enlarge. Filaments pubescent at very base. Fl. fragrant?

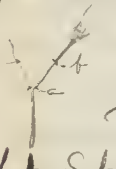


Pistil 1 5/8 in overall, seated in annular disk, stigma two bladed, purple tinged. Ovary linear, purplish, & looks like base of style merely. Perhaps 1 celled but can't be sure (20X & 38X) Ovules many. More likely 2 celled with ovules on partition wall.

Lvs. (20X & 38X) show white scaley effect & ovary seems to have same white resinous deposit on outside & the style to show some scales.

3-21-29 This plant labeled "Clytóstoma callistegioides. South America" but note that calyx is truncate with no "long linear points" see B. M. of C. p 687 Fl seem jointed (at base of calyx) to pedicel, pedicel jointed to peduncle & peduncle to stem. (see next page)

2-18-29 X "Ipomoea Horsfalliae" (labeled) Agri Stat. in arbor leading southward from from offices. Prob Convolvulaceae & perhaps Ipomoea Horsfalliae, Hook p 302 & B.M. of C.P. 613. Vine. glabrous. twines. Lf more or less circular 6 in diam digitately compound of 5 lfts. Lfts $3\frac{3}{4} \times 1\frac{1}{2}$ in to mid-lft $5\frac{1}{4} \times 2$ in. oblong to obovate acuminate at apex narrowed to a sessile base. Entire but undulate, veins pinnate, few, anastomosing. Fls thus



articulated at a, b & b' with evidences of bases of bracts. Pedicels thickened toward top. Sepals 5 bronze green, each very convex & bladderish with a winged edge extending flatly onto corolla. Calyx ½ in or less deep. Corolla tubular regular 2 in high, with 5 ovate lanceolate lobes ⅝ in deep. Bright rose red. Stamens 5 equal lengths attached at base of tube. filament ~~hairy~~ with densely hairy ring at base. Stamens long enough for anthers to reach to base of corolla lobes. Style one (stigma not on specimen) ovary seated in disk 2 celled with 2 ovules basally attached in each cell. Ovules twice as long as broad or thick & prob papillose on surface

X 3-21-29 plant labeled Clytostoma callistegioides. Outside of corolla glutinous in bud (sticks to fingers as studied) aestivation imbricate Ovary seems 1-celled with parietal placentae One bud opened showed stigma of 4 blades 1 staminode, 3 normal stamens, 1 stamen with 1½ pollen cells, 2 stamens (evidently 1 filament splitting just above base) with 1½ ~~anther~~ pollen cells

2-18-29 "Callistemon lanceolatus" D.C. (as per label) Agri. Stat. Remains of dehisced fr. Fr. on naked part of twig which bears lvs. for $2\frac{1}{2}$ in at tips. Twig with long scattered hairs on lf-bearing part. Lvs. pubescent on veins below. Lvs. dotted, aromatic. Top of fr. gone (as tho' circumcisal)× showing 3 cells each containing many irreg. seeds. × but this cup of fr. is left & not by a top falling off but by upper part of fr. loosened all by dehiscing.

2-18-29 X

Tree east of Bull Pen at Agri. Stat. Fr. Twigs warty & at tip mossy pubescent. Lvs alt. on petioles $\frac{3}{16}$-$\frac{1}{4}$ in. Lf. ovate to $2\frac{1}{4} \times 1\frac{5}{8}$ in, thin, glabrous & shining. Obtuse or acute at apex, rounded at base. Irreg. low toothed & undulate. Fr. on pedicels $\frac{1}{4}$ in, singly or in clusters (twos) at ends of short, slender twigs about $\frac{1}{4}$ in long. Fr spherical, $\frac{3}{4}$ in. turning purplish brown. Remains of calyx at stem end & 5 lobed stigma at apex. Fr. cut across shows seeds lying so as to make a cross thus ⊕ tho' no wall divisions of cells is evident. Seeds about 8 in each fr. oval or wedge shaped $\frac{1}{4}$ in × $\frac{1}{4}$ in and very thin. See 4-10-29 Par-la-Ville and 4-15-29 this tree again Agri. Stat.

~~Two~~ X

2-18-29 "Argyreia speciosa" Sweet (labeled) Agri. St. vine on trellis just back of offices. No flo. Unripe fr. showed well developed wrinkled cotyledons in seed. Whether more than one seed not evident. Sepals 5 unequal to $\frac{5}{8} \times \frac{1}{2}$ in. ovate. No sign of bracts. B.F. of B. 303. Not in B.M. of C.P. Outer covering of fr. exudes a sticky sap when cut across.

2-18-29 "Brunfelsia americana" L (labeled) Agri Stat. Fl. v fr. Corolla tube v calyx glandular pubescent outside Filaments fleshy v wrinkled. 1 spec of fr showed a 3rd small cell v valve.

(3-21-29 Calyx lobes of B. grandiflora at Agri. Station not as bright colored as those of spec 3-14-29)

2-18-29 "Beaumontia grandiflora" Wall (labeled) Agri Stat Fl. p 295. BM of C.P. No sign of "lf-like deciduous bracts" subtending fls. Ovary a hairy cushion, polygonal in cross section, seeming 2 celled (but not as implied 2 distinct ovaries)

3-14-29 Fl. Curio shop Reid St. east of Tower entrance. Calyx lobes reddish v yellowish with tiny glands at base inside like glands on calyx of Oleander.

2-18-29 Ixora coccinea" L. (labeled) Agri Stat. Fl. p 889 v BM of C.P 711. All fls (one spec) have 4 petals v 4 stamens v calyx lobes. Corolla lobe ½ in reflexed v twisted, ob-lanceolate, with abruptly pointed tip. Tube 1¼ in.

2-18-29 Sapota achras, Mill p 285 BM of C.P. 589 Fr fallen to ground but evidently not ripe as seeds not black all over & taste of flesh very puckerish. Flesh exudes milk when cut. Cells 10 but only 1 or 2 seeds developed.

3-18-29 Jatropha multifida, L p 211 Agri. Stat. Fr unripe upright broader at apex than at base. Not measured but perhaps 1¼ in high by about as broad. Seeds 2 in separate cells but evidence of a third cell with undeveloped ovule.

X

2-18-29 "Ceratonia siliqua", L (labeled) p 173 v BM of CP 426. Agri. Stat. No fls or fr ~~Prob.~~ Same as 2 trees in Par-la-Ville which because of color v texture of lvs give a general effect like holly.

Lf pinnately compound. Rachis 6 in lfts 9 not opp on short petioles 1/8 in or less, 2 1/4 in x 1 1/2 in, oval, obtuse or slightly emarginate at apex, narrowed somewhat to base or at least more narrowed below middle than above. Glabrous, shining dark green above & light green below. Entire but undulate. Rachis brown & closely pubescent

2-18-29 Eupatorium riparium, Regel Fl. Agri Stat. by little pond bet. exhibition halls.

X

2-18-29 "Erythrina speciosa" Andr. p 189 Agri. Stat. in fl. same tree in 1927 was labeled E. Crista-galli: See card for E. corallodendron.

2-13-29 Mammea americana L. p 246 & B.M.JC.P. 504 labeled "Mammea Apple" Par-la-Ville. No fl or fr. Lf carefully studied.

X

2-18-29 "Adenanthera pavonina" L labeled. Fr. Agri. Station east of bull-pen

X

2-18-29 "Haematoxylon campechianum" L. (labeled) Agri. Stat. No fl or fr. Lvs sometimes bi-pinnate with rachis branched at base. Axillary thorns.

2-18-29 X

"Kigelia pinnata" DC. (labeled) p 353 Agri. Stat no. offices. No fl. or fr.

X
2-18-29 Hamelia erecta Jacq
p 370 "H. patens" (labeled) Agri Station
Fl. not studied. Lvs in whorls of 3's
BM of C.P. 715

X
2-18-29 "Jatropha podágrica" Hook.
p. 211 (labeled) Agri Station

2-18-29 "Ficus Nekbudu" Warb. (labeled)
Agri. Stat. No fr. or flo. BM of C.P. 238

2-18-29 "Ficus Roxburghii" labeled
Agri. Stat. No fr. or flo.

2-18-29 "Psidium Guajàva" L.
p 262 (labeled) Agri. Stat. No flor fr. Trunk
smooth & peeling somewhat like
sycamore. Branchlets 4 Led.

2-13-29 Senecio vulgaris, L. p 396 Reid St
Hamilton near eastern end. Fl & fr.

Tithymalus Peplus Hill
2-14-29 Euphorbia Peplus L. p 217. Valley
Way Fr & fl.

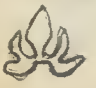
2-15-29 Lantana Camara, L p 314
Old R'd Fl

2-15-29 Lantana involucrata L. p 315
Old R'd Fl.

2-18-29 Lathyrus odoratus L.
Fl. from Sweet Pea House

2-21-29 Persèa Persèa Cockerell. p141
Fl. Agri. Station east of Bull Pen. 9 stamens & 9 staminodes. Filaments & ~~calyx~~ sepals pubescent. Lvs very dark green above (but sometimes blotched with more usual lf-green shade) & gray green beneath under the dark parts.

× ? #163 ~~[illegible]~~ N.Y.B.G. B.M.of C.P. 738
2-21-29 Momordica Charantia L.
Fl. Waste land eastern part of Agri Stat. Vine trailing. St 5 angled, slender, loosely pubescent. Lvs alt. pediceled to 3/4 in, to 1 3/4 in long x 2 in wide cordate orbicular deeply 3 lobed, with lateral lobes often lobed again making 5.



Margins sinuate, ~~[illegible]~~ apiculate pointed.

Lf. pubescent above & below. Tendrils simple, growing not in axil of lf but at side of base of petiole where stipule might be expected. (but only one tendril for each lf) Monoecious ♂ fl has entire, broad bract at base of peduncle. ♂ fl solitary. 3 stamens (1 single, 2 double) ~~[illegible]~~ separate, anthers looped as in squash. ♀ fl corolla yellow 1/2 in across rotate 5 lobed. stigma 3 parted with broad, rolled yellow lobes, base of styles shows what may be ~~staminodia~~ in one 1-pointed & two 2-pointed tiny projections

2-21-29 Diplotaxis muralis DC. p152
Fl & fr. Waste land eastern part of Agri. Stat.

2-21-29 Galinsoga parviflora Cav. p402
Fl & fr. Fields bordering Agri. Stat on east. Corolla outside pubescent.

2-21-29 Ageratum Houstonianum, Mill. Fl & fr. Waste ground Agri. Station.

2-21-29 Ionoxalis Martiana, J. K. Small p196 Fl. Agri. Stat. weed.

X #158 G.H.
2-21-29 ? Vicia ~~angustifolia~~ ——
Field east of Agri. Station. Stipules half-sagitate & toothed with large purple dot in center of lower & roundish lobe. Plants standing upright bet. rows of lilies. Stems ridged somewhat hairy. Lvs sessile. Lflts 14, tendrils branched. Lflts to 1¼ in x 3/8 in. pubescent below - very slightly so above. Oblong, blunt, ~~rounded~~ or retuse at apex, mucronate (like ~~either~~ ill in BF of B). Fl. 1 or 2 very short pediceled in axil. Calyx slightly pubescent 3/8 in, lobes narrow acuminate as long as tube. Flower all ~~X~~ 9/16 in. Corolla purple. ~~Stigma tufted at back~~ Style with ring of hairs at summit consisting mostly of tuft at back.

2-21-29 Maurandya erubescens, A. Gray p 347. (vide M. Lophospermum B.M. of C.P. 675) Agri. Station on old house near so. entrance. Fl. 2 yellow bearded lines inside anteriorly. Corolla pubescent outside, rose outside, inside of tube white dotted rose, base of tube, outside white slightly gibbous below. Ovary sits obliquely on white disk. Ovary ~~pub~~ densely pubescent at top. 2 celled. many ovules on axile placentae.

2-23-29 Eucharis grandiflora, Planch
Fl. (nolf.) bot from Nosegay. p 82 & B.M.J.C.P.
184. The 3 ext per. segm. narrower than
the 3 int. Each stamen thus Y & united
into cup as indicated. Ovules about 15
in each cell, in 2 rows. Scape solid

2-23-29 Leucojum aestivum, L.
see B.M.J.C.P. 184. Fl & lvs. bot in Hamilton.
Scape flattened with 2 sharp angles.
Ovules 9 in each cell in 2 rows.

X
2-23-29? Anchusa Officinalis, L B.M.J.C.P.
623. Fl stem. but no basal lvs. Bot at
Nosegay. St. as bought 11 in with buds
to the very base. (Fls. open at top first)
St. leafy at base with lvs. 3½ x ⅞ in sessile
subtending characteristic scorpoid
racemes & lvs diminish toward
tip of st. & instead of subtending the
racemes are rather laterally in
the axils of racemes. Fls bright blue
3/8 in diam. St. calyx & lvs hairy with
white appressed hairs. Ovules muricate
Lobes of ~~corolla~~ corolla not rolled up in
bud.

2-21-29 Torilis Anthriscus, Gmel p274
East of Agri. Stat. field Fl & fr. Umbels
on long peduncles opp lvs. Lobes of outer
fls enlarged. St. striate (purplish & greenish)
with short, stiff white hairs pointing down
On petiole & lvs (both surfaces) similar hairs
point upward.

2-21-29 Solanum Seaforthianum, Andr.
p 337 & B.M.J.C.P. 656 Agri Stat climbing over
old building near so road. Fl. Lfs within
10 in of fls only 2½ in long.

2-22-29 Gnaphalium ——
Same as 2-26-27 Road from So. Rd to north entrance to Southlands (Mr. Morgans) at entrance to house on west side. Mid-rib especially prominent below. #142 A.H. #143 N.Y.B.G.

×

2-22-29 # Asparagus drepanophyllus, Welw. ~~Bro~~ B.M. of C.P. 166. Bloomfield Vine over trees by so. wall. Lvs. & fr. only no fls. Main st. woody & with backward curving spines. Fr. red, 3-lobed. 3/8 in diam., 1-seeded. Cladodes in pairs with a shoot (subtended by a spine) between. Shoots 1-2 in. bearing 1-2 or more variously scattered cladodes and at tips 2-5 cladodes in whorls. Cladodes linear falcate 1-2 1/4 in long × 3/16 or less in wide

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2-21-29 "Dodonea viscosa", L (labeled) Agri Stat ~~s-e cor~~ s-e cor. 9 ft high. trunk brown & ridged rough Fl. evidently ♂ only. Lvs. oblanceolate to 2 1/2 × 1/2 in rounded & mucronate at apex, long & narrow tapering at base. Duller than D. jam ——. Racemes fewer fld. pedicels longer (to 3/8 in) & general effect of inflos much more slender. Sepals 4. Stamens 8-9
See B M of C.P. 470

2-22-29 Dodonea jamaicensis, DC. p225 So. Shore Cliffs. Fl. Petioles & twigs more ~~[illegible]~~ angular than above. Lvs more or less revolute as above D. viscosa was not. Inflo. crowded. Fls perfect. Stamens 8-9 Sepals & cells of ovary 4.

2-21-29 Bougainvillea spectabilis Agri. Stat near So. Rd. Fl brick red & st. & lvs pubescent so prob. var lateritia, Lem see B. M of C. P 255 Young shoots pubescent & even sticky feeling. Thorns 1 in or more, axillary curved downward & pubescent on young shoots. But fl-heads singly or 2 fld or a few-fld panicle not "more or less glomerate".

2-21-29 Osmunda regalis L. Sp
& " cinnamomea L. Sp
observed in Paget Marsh.

2-21-29 Acrostichum excelsum, Maxon p 416. Paget Marsh. Sp

2-21-29 Dryopteris normalis C. Christensen p 425. Paget Marsh near church Sp

2-21-29 Nephrolepis exaltata, Schott. p 427 & B M of C P 72 Paget Marsh. Sp.

2-21-29 Pteris caudata, L p 419 Paget Marsh Margins of lf reflexed but sori not yet formed.

2-21-29 Psilotum nudum, Griseb p 429. Paget Marsh Sp.

2-21-29 Carex bermudiana, Hemsley p 55. Paget Marsh Fl.

2-21-29 Aster squamatus, Hieron p 391 Fl. Paget Marsh via Astwoods, Lovers Lane to B.N. Achene pubescent.

2-21-29 Mariscus jamaicensis, Britton p54. Paget Marsh Fr mostly fallen but a few remaining. Farmer says this is excellent bedding for horses.

2-22-29 Solanum nigrum, L p336 3 in high in fr. growing on wall at corner of rd ~~st~~ from Inverurie & Middle Rd.

2-22-29 Suriana maritima. L. p203 South Shore. Cliffs. 10 stamens!

2-25-29? Toluifera peruifera, Bail p188 St. Marks Ch-yard. Tree overhanging wall no. side of rd. Remembered as same tree observed 3-8-27 & called by gardener "Balsam of Peru" in spite of note on card.

Fr. Pod of 1 or 2 thin sections each about 1½ × 1 in, Hardly Prob. indehiscent. Margins & connection bet. sections thin & wing-like. Bean-like seed 9/16 × 5/16 × 1/8 in, Tan colored, more yellowish inside. Lvs. alt. odd pinnate. Lfts ~~9~~ 2¾ × 1 in, petioles ⅛ in Lfts 9, ovate entire, accuminate at end but tips blunt, rounded at base, glabrous, yellowish bet. the green reticulate veins No stipules or glands

2-21-29 Sambucus intermedia, Carr p371 Fl. Astwoods. The sessile stigma seems certainly more than 3 lobed. No sign of ovaries evident.

2-21-29 Cissus sicyoides, L No flr fr. Paget Marsh p. 229

2-21-29 Pittósporum undulatum, Vent. p162 & B.M. of C.P 338. Paget Marsh Fr. before & after opening & fl (a few only the 1st of season). Calyx pubescent, splits down one sinus. Ovary pubescent. Filaments 4 angled.

2-21-29 Myrica cerifera L. p96 Paget Marsh Fl ♀ Stigmas ~~sometimes~~ 3 in ament where they were ~~mostly~~ often 2. Twigs pubescent.

× see card of C. vulgatum.
2-21-29 Cerastium viscosum, L. p129 Lover's Lane fl & fr. 2-27-29 Field about opp entrance to Montrose. Fl & fr. (see 2/27 this book)

2-21-29 Zebrina pendula, Schnitzl p64

2-21-29 Áscyrum macrosepalum S. Brown p245 Paget Marsh No fl or fr. St. winged, alternating from node to node, from decurrent mid-ribs Lvs. at sessile base slightly clasping with small pouches which turn brown and flank the lower end of the wing of stem.

2-21-29 Peperomia septentrionalis S. Brown p94 Paget Marsh. No fl or fr.

≡ ×
2-21-29 Desmazeria loliacea, Nyman p34. Lover's Lane growing on wall. Fr. Fig in B.F. of B. prob this but spikelets are not sessile being on pedicels of 1 mm. Plant~~s~~ to 2½ in high. Spikelets in 2 distinct rows thus: ≡ / \ making acute ∠.
3-12-29 Trip to West Whale Bay & back by St. Annes Spikelets sessile Back ~~of rachis~~ or upper side of rachis naked, spikelets being on outer or underside, alt in 2 rows.
Eleusine indica, Gaertn. p37

2-21-29 Vaillantia hispida, L p366
Lovers Lane Fl.

2-21-29 Oplismenus hirtellus R&S.
p21. No flor fr. Sheaths hairy esp in
line down opening & at base. Culm
bet. ligule of lower blade & base of
sheath next above hairy in line
which prolongs the hairy line on
sheath next above. Sheaths hence
not overlapping.

2-21-29 Anagallis arvensis, L p282
Fl. Neighborhood of Paget Marsh.

2-21-29 Hydrocotyle verticillata, Thunb
p273 Paget Marsh No. flor fr.

2-21-29 Eustachys petraea, Pleev
p37

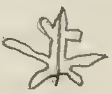
2-21-29 Sabal Blackburnianum, Glazebrook p56 Paget Marsh. Fr.

?
2-21-29 Pimenta Pimenta, Cockerell.
p263. Paget Marsh Young tree. No flor fr.
St. flattened & 4 winged (alternating
with nodes)

#175 R.B.K.
2-27-29 Cerastium viscosum, L p129
Tho' petals are slightly longer than
sepals (even 1 mm longer in some cases)
and capsule is slightly curved upward
this seems surely C. viscosum because
fls are glomerate not loosely cymose,
and pedicels are shorter than sepals,
being 3-4 mm while sepals are
5-6 mm. Lvs. obovate or oval 5/8 × 3/8+ in

blunt at apex. Whole plant with diff aspect than C. vulgatum as observed at H. H where pedicels are definitely elongated. Prob. specimens of 1927 Bermuda were C. viscosum
3-7-29 Loughlands #174 G.H

? X

2-21-29 "Sterculea Bidwillii" labeled Agri Stat. Young tree so-east of dwelling. Lvs digitately lobed 3 or 5 div. Bark of young shoots green